

What is claimed is:

1. A holding device for attaching a drape for a surgical microscope in the region of the main objective thereof, said main objective having an outer peripheral surface and said holding device comprising:

5 a holding unit defining a recess for said objective; and,
 said holding unit having a tongue-shaped section for
 applying a spring force onto said outer peripheral surface of
 said main objective when said holding unit is mounted on said
 main objective in order to force-tightly hold said holding unit
10 on said main objective.

2. The holding device of claim 1, wherein said holding unit has
a plurality of said tongue-shaped sections.

3. The holding device of claim 2, wherein said tongue-shaped
sections have different lengths.

4. The holding device of claim 3, wherein said holding unit has
an annular section defining an annular recess and said annular
recess defining an axis; and, said tongue-shaped sections
extending in an inclined direction to said axis.

5. The holding device of claim 4, wherein said tongue-shaped
sections are directed toward the inner side of said annular
section.

6. The holding device of claim 5, wherein the direction of said
tongue-shaped sections to said axis is different.

7. The holding device of claim 1, said holding unit including a stop element for impacting against an end face region of said main objective.
8. The holding device of claim 1, further comprising a cover element; and, said holding unit including means for holding said cover element.
9. The holding device of claim 8, wherein said holding means includes a guide for said cover element.
10. The holding device of claim 9, wherein said holding means includes clamping means.
11. The holding device of claim 10, wherein said holding means includes latching means.
12. The holding device of claim 11, wherein said guide includes a stop section for said cover element.
13. The holding device of claim 1, wherein holding unit is made of plastic.
14. The holding device of claim 8, wherein said cover element is matched to said holding unit so as to permit said cover element to be accommodated in said holding unit in two orientations rotated by 180° to each other.
15. A cover element having a window section for passing a viewing beam path and/or an illuminating beam path of a surgical

microscope, the cover element comprising:

5 a holding section for holding the cover element in a holding device; and,

linear guide means in said holding section for facilitating a lateral introduction of said cover element into said holding device.

16. The cover element of claim 14, wherein said holding section includes, at least partially, a thickened edge.

17. The cover element of claim 16, further comprising at least one notch formed in said thickened edge.

18. The cover element of claim 15, further comprising a handle formed on said cover element.

19. The cover element of claim 18, wherein said holding section defines a region lying opposite said handle and said region of said holding section has a boundary edge having a convex contour.

20. The cover element of claim 19, wherein said boundary edge has at least one rounded edge region.

21. The cover element of claim 15, further comprising a window base for carrying said window section.

22. The cover element of claim 21, wherein said window base is configured to have a conical cross section.

23. The cover element of claim 22, wherein said window section

is inclined to said holding section.

24. The cover element of claim 15, which cover element is made of PMMA.

25. A drape system for a surgical microscope having a main objective and said main objective having an outer peripheral surface, the drape system comprising:

a drape;

5 a holding device for attaching said drape in the region of said main objective;

said holding device including a holding unit defining a recess for said main objective; and,

10 said holding unit having a tongue-shape section for applying a spring force onto said outer peripheral surface of said main objective when said holding unit is mounted on said main objective in order to force-tightly hold said holding unit on said main objective.

26. The drape system of claim 25, wherein said holding unit has a plurality of said tongue-shaped sections.

27. The drape system of claim 26, wherein said tongue-shaped sections have different lengths.

28. The drape system of claim 27, wherein said holding unit has an annular section defining an axis and defining an annular recess and said annular recess defining an axis; and, said tongue-shaped sections extending in an inclined direction to said axis.

29. The drape system of claim 28, wherein said tongue-shaped sections are directed toward the inner side of said annular section.
30. The drape system of claim 29, wherein the direction of said tongue-shaped sections to said axis is different.
31. The drape system of claim 25, said holding unit including a stop element for impacting against an end face region of said main objective.
32. The drape system of claim 25, further comprising a cover element; and, said holding unit including means for holding said cover element.
33. The drape system of claim 32, wherein said holding means includes a guide for said cover element.
34. The drape system of claim 33, wherein said holding means includes clamping means.
35. The drape system of claim 34, wherein said holding means includes latching means.
36. The drape system of claim 35, wherein said guide includes a stop section for said cover element.
37. The drape system of claim 25, wherein holding unit is made of plastic.

38. The drape system of claim 32, wherein said cover element is matched to said holding unit so as to permit said cover element to be accommodated in said holding unit in two orientations rotated by 180° to each other.